CTESTAR™ Course Curriculum Cross-Walk by Task

Pathway
Engineering/Manufacturing and Industrial Technology

Course
AUTOMOTIVE TECHNOLOGY

Instructor
JOHNSON/MARVOSH

Number
10006-07

Section
First Year

Host School
Saginaw Career Complex

PERSONAL MANAGEMENT AND EMPLOYABILITY STANDARDS

01.01 Demonstrate appropriate work habits and attitudes

- 01.01.01 Apply principles of resource management and develop skills that promote personal and professional well-being
- 01.01.02 Maintain consistent effort
- 01.01.03 Complete assignments with minimum supervision and meet school/work deadlines
- 01.01.04 Demonstrate regular and punctual attendance.
- 01.01.05 Demonstrate respect for self, others, and the organization
- 01.01.06 Describe employer-employee rights and responsibilities
- 01.01.07 Accept supervision and demonstrate continuous improvement towards one's goals

01.02 Develop a career plan and prepare for employment

- 01.02.01 Investigate career options including entrepreneurship
- 01.02.02 Develop career goals based on interests, aptitudes, and research
- 01.02.03 Review/revise/plan goals on annual basis
- 01.02.04 Manage personal and career goals
- 01.02.05 Describe factors that contribute to job satisfaction and success
- 01.02.06 Practice ethical, responsible, and professional behavior
- 01.02.07 Develop a resume
- 01.02.08 Complete job application process
- 01.02.09 Demonstrate interviewing skills
- 01.02.10 Apply career and labor market information to seek and obtain employment and/or pursue educational goals
- 01.02.11 Research availability of educational programs, financial requirements, and resources and complete an application process
- 01.02.12 Identify career opportunities for auto technicians (PDP Task 1.4)
- 01.02.13 Write inquirey leter and follow-up letter (PDP Task 3.7; 3.8)
- 01.02.14 Develop an employment portfolio and maintain it on a regular basis (PDP Task 1.9; 2.12; 5.5)

01.03 Participate in work-based learning experiences

- 01.03.01 Use technology appropriate for the job
- 01.03.02 Demonstrate positive work behaviors
- 01.03.03 Demonstrate positive interpersonal behaviors
- 01.03.04 Demonstrate safe and healthy work behaviors
- 01.03.05 Adapt to changes in the workplace

01.04 Demonstrate oral and written communication skills

- 01.04.01 Conduct formal/informal research to collect appropriate topical information
- 01.04.02 Interpret oral and nonverbal communications of audience
- 01.04.03 Demonstrate active listening during communications
- 01.04.04 Prepare and deliver presentations incorporating both appropriate verbal and nonverbal communication techniques
- 01.04.05 Communicate using equitable and culturally sensitive language for a diverse audience
- 01.04.06 Using appropriate technology, prepare draft document using established rules for grammar, spelling and sentence construction
- 01.04.07 Write business communication using appropriate format for the situation
- 01.04.08 Utilize multiple technologies for written and presentation communications

01.04.09 Synthesize and summarize information from reading material, articulating its major points and proposals
01.04.10 Comprehend and use reading strategies to learn meaning, technical concepts, vocabulary, and follow instructions

01.05 Apply entrepreneurial skills

01.05.01 Evaluate the role of small business on local, state, national, and international economies
01.05.02 List the factors, including personal traits which contribute to the success of small business
01.05.03 Analyze the components of a successful business including planning and decision making, employee and equipment needs, and budgeting concerns
01.05.04 Analyze the relationship of customer service and customer satisfaction on the success of a business
01.05.05 Understand the need for life-long learning in a rapidly changing job market

01.06 Demonstrate teamwork and leadership skills

01.06.01 Determine characteristics and management styles of effective leaders
01.06.02 Describe how cultural/ethnic difference affect leadership styles and interpersonal interactions/communications within a group
01.06.03 Determine the roles and responsibilities that leaders and members bring to an organization
01.06.04 Evaluate characteristics of effective teams and effective team leaders
01.06.05 Demonstrate team work
01.06.06 Practice effective meeting management
01.06.07 Practice decision-making process
01.06.08 Work toward consensus by exchanging resources and resolving divergent interests
01.06.09 Assume leadership roles in team settings by communicating thoughts and ideas to justify a position, motivating others and delegating tasks
01.06.10 View accomplishments or failures of self and others accurately and in a positive manner

01.07 Demonstrate technological literacy and computation, data analysis skills for productivity in the workplace

01.07.01 Select and use appropriate technology to organize, send and receive information
01.07.02 Analyze the impact of technological changes on tasks, people, and society
01.07.03 Apply computation skills and data analysis techniques to make decisions and solve workplace problems
01.07.04 Select and use appropriate computation techniques to solve problems and determine reasonableness of results
01.07.05 Construct projections and trends from raw data, charts, tables, and graphs that summarize data from workplace situations
01.07.06 Use technology to access, manage, integrate, and create information
01.07.07 Understand the relationship of data and measurements to the problem
01.07.08 Demonstrate effective use of a variety of on-line technological resources

01.08 Apply critical thinking skills to make decisions and solve workplace problems

01.08.01 Develop a plan to solve complex problems by gathering, selecting, and analyzing data
01.08.02 Identify and allocate available resources (e.g., time, money, material, facility, & human)
01.08.03 Demonstrate the ability to adapt new information to changing situations and requirements
01.08.04 Combine ideas or information in new ways, make connections, reshape goals in ways that reveal new possibilities to solve problems
01.08.05 Develop an inventory record-keeping system to maintain dates and information in a systematic fashion

01.09 Illustrate how social, organizational, and technological systems function

01.09.01 Draft and interpret an organizational chart
01.09.02 Evaluate the quality and performance of workplace systems, distinguish trends, and recommend improvements and modifications to an existing system to improve products or services
01.09.03 Understand how changing a component of a system impacts the whole system

01.10 Maintain safe and healthful working conditions and environment

01.10.01 Work in accordance with employee rights and responsibilities and employer obligations concerning occupational safety and health
01.10.02 Assess types and sources of workplace hazards
01.10.03 Follow procedures for hazards in the workplace/school

01.10.04	Practice environmental conservation and safety	
01.10.05	Adhere to policies and regulations for health and safety	
01.10.06	Complete mechanical repair pollution prevention (S/P2 Safety training)	
01.10.07	Complete mechanical repair safety (S/P2 Safety training)	

ENGINE REPAIR

02.01 Diagnose general engine condition, removal, and reinstallation

02.01.01	Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction	
	ELA.1.CE 1.1.3	Select and use language that is appropriate (e.g., formal, informal, literary, or technical) for the purpose, audience, and context of the text, speech, or visual representation (e.g., letter to editor, proposal, poem, or digital story).
	ELA.1.CE 1.4.2	Develop a system for gathering, organizing, paraphrasing, and summarizing information; select, evaluate, synthesize, and use multiple primary and secondary (print and electronic) resources.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.1.7	Demonstrate understanding of written, spoken, or visual information by restating, paraphrasing, summarizing, critiquing, or composing a personal response; distinguish between a summary and a critique.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
	Math.2.A1.2.1	Write equations and inequalities with one or two variables to represent mathematical or applied situations, and solve.
02.01.02	Identify and interpret engine concern; determine necessary action (P-1)	
	ELA.2.CE 2.1.3	Determine the meaning of unfamiliar words, specialized vocabulary, figurative language, idiomatic expressions, and technical meanings of terms through context clues, word roots and affixes, and the use of appropriate resource materials such as print and electronic dictionaries.
	ELA.2.CE 2.1.4	Identify and evaluate the primary focus, logical argument, structure, and style of a text or speech and the ways in which these elements support or confound meaning or purpose.
02.01.03	Research applicable vehicle and service information, such as internal engine operation, vehicle service history, service precautions, and technical service bulletins (P-1)	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.1.5	Analyze and evaluate the components of multiple organizational patterns (e.g., compare/contrast, cause/effect, problem/solution, fact/opinion, theory/evidence).

	ELA.2.CE 2.1.11	Demonstrate appropriate social skills of audience, group discussion, or work team behavior by listening attentively and with civility to the ideas of others, gaining the floor in respectful ways, posing appropriate questions, and tolerating ambiguity and lack of consensus.
02.01.04	Locate and interpret vehicle and major component identification numbers (VIN, vehicle certification labels, and calibration decals)(P-1	
	ELA.1.CE 1.2.1	Write, speak, and use images and graphs to understand and discover complex ideas.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	ELA.2.CE 2.3.4	Critically interpret primary and secondary research-related documents (e.g., historical and government documents, newspapers, critical and technical articles, and subject-specific books).
	ELA.2.CE 2.3.5	Engage in self-assessment as a reader, listener, and viewer, while monitoring comprehension and using a variety of strategies to overcome difficulties when constructing and conveying meaning.
02.01.05	Inspect engine assembly for fuel, oil, coolant, and other leaks; determine necessary action(A8U2/L1)(P-1)	
02.01.06	Diagnose engine noises and vibrations; determine necessary action(A8U2/L1)(P-2).	
02.01.07	Diagnose the cause of excessive oil consumption, unusual engine exhaust color, odor, and sound; determine necessary action(A8U2/L1)(P-2).	
02.01.08	Perform engine vacuum tests; determine necessary action(A8U2/L1)(P-1).	
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
02.01.09	Perform cylinder power balance tests; determine necessary action(A8U2/L1)(P-1).	
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.

	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
02.01.10	Perform cylinder cranking compression tests; determine necessary action(A8U2/L1)(P-1).	
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
	Math.2.A1.2.9	Know common formulas (e.g., slope, distance between two points, quadratic formula, compound interest, distance = velocity • time), and apply appropriately in contextual situations.
02.01.11	Perform cylinder leakage tests; determine necessary action(A8U2/L1)(P-1).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.1.3	Determine the meaning of unfamiliar words, specialized vocabulary, figurative language, idiomatic expressions, and technical meanings of terms through context clues, word roots and affixes, and the use of appropriate resource materials such as print and electronic dictionaries.

02.02 Diagnose and Repair Cylinder Head and Valve Train

02.02.01	Visually inspect cylinder head(s) for cracks; check gasket surface areas for warpage and leakage; check passage condition(P-2).
02.02.02	Remove and reinstall cylinder heads and gaskets; tighten according to manufacturer's specifications and procedures(P-1).

	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.1.3	Determine the meaning of unfamiliar words, specialized vocabulary, figurative language, idiomatic expressions, and technical meanings of terms through context clues, word roots and affixes, and the use of appropriate resource materials such as print and electronic dictionaries.
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
02.02.03	Inspect valve springs for squareness and free height comparison; determine necessary action(P-3).	
02.02.04	Replace valve stem seals on an assembled engine; inspect valve spring retainers, locks, and valve grooves; determine necessary action(P-2).	
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
02.02.05	Inspect valve guides for wear; check valve stem-to-guide clearance; determine necessary action(P-3).	
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
02.02.06	Inspect valves and valve seats; determine necessary action(P-3).	
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.

	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
02.02.07	Check valve face-to-seat contact and valve seat concentricity (runout); determine necessary action(P-3).	
02.02.08	Check valve spring assembled height and valve stem height; determine necessary action(P-3)	
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
02.02.09	Inspect pushrods, rocker arms, rocker arm pivots and shafts for wear, bending, cracks, looseness, and blocked oil passages (orifices); determine necessary action(P-2).	
02.02.10	Inspect hydraulic or mechanical lifters; determine necessary action(P-2).	
02.02.11	Adjust valves (mechanical or hydraulic lifters)(A8U2/L2)(P-1).	
02.02.12	Inspect camshaft drives (including gear wear and backlash, sprocket and chain wear); determine necessary action(A8U2/L2)(P-2).	
02.02.13	Inspect and replace timing belts (chains), overhead camdrive sprockets, and tensioners; check belt/chain tension; adjust as necessary(A8U2/L2)(P-1).	
02.02.14	Inspect camshaft for runout, journal wear and lobe wear(P-2).	
02.02.15	Inspect camshaft bearing surface for wear, damage, out-of-round, and alignment; determine necessary action(P-3).	
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
02.02.16	Establish camshaft(s) timing and cam sensor indexing according to manufacturer's specifications and procedures(A8U2/L2)(P-1).	
	ELA.2.CE 2.1.5	Analyze and evaluate the components of multiple organizational patterns (e.g., compare/contrast, cause/effect, problem/solution, fact/opinion, theory/evidence).
	ELA.2.CE 2.1.6	Recognize the defining characteristics of informational texts, speeches, and multimedia presentations (e.g., documentaries and research presentations) and elements of expository texts (e.g., thesis, supporting ideas, and statistical evidence); critically examine the argumentation and conclusions of multiple informational texts.
	ELA.2.CE 2.1.7	Demonstrate understanding of written, spoken, or visual information by restating, paraphrasing, summarizing, critiquing, or composing a personal response; distinguish between a summary and a critique.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
02.03	**Diagnose and Repair Engine Block Assembly**	
02.03.01	Disassemble engine block; clean and prepare components for inspection and reassembly(P-2).	

02.03.02	Inspect engine block for visible cracks, passage condition, core and gallery plug condition, and surface warpage; determine necessary action(P-2).	
02.03.03	Perform common fastener and thread repair to include, remove broken bolt, restore internal and external threads, and repair internal threads with thread insert(P-2).	
02.03.04	Inspect and measure cylinder walls/sleeves for damage, wear, and ridges; determine necessary action(P-2).	
02.03.05	Deglaze and clean cylinder walls(P-2).	
02.03.06	Inspect and measure camshaft bearings for wear, damage, out-of-round, and alignment; determine necessary action(P-3).	
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
02.03.07	Inspect crankshaft for end play, straightness, journal damage, keyway damage, thrust flange and sealing surface condition, and visual surface cracks; check oil passage condition; measure journal wear; check crankshaft sensor reluctor ring (where applica	
02.03.08	Inspect main and connecting rod bearings for damage and wear; determine necessary action(P-2).	
02.03.09	Identify piston and bearing wear patterns that indicate connecting rod alignment and main bearing bore problems; determine necessary action(P-3).	
02.03.10	Inspect and measure pistons; determine necessary action(P-2).	
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
02.03.11	Inspect, measure, and install piston rings(P-2).	
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
02.03.12	Inspect or replace crankshaft vibration damper (harmonic balancer)(P-3).	
02.03.13	Assemble engine block assembly(P-1).	
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	ELA.2.CE 2.3.4	Critically interpret primary and secondary research-related documents (e.g., historical and government documents, newspapers, critical and technical articles, and subject-specific books).

	ELA.2.CE 2.3.5	Engage in self-assessment as a reader, listener, and viewer, while monitoring comprehension and using a variety of strategies to overcome difficulties when constructing and conveying meaning.

02.04 Diagnose and Repair Lubrication and Cooling Systems

02.04.01	Perform oil pressure tests; determine necessary action(P-1).	
	ELA.2.CE 2.1.3	Determine the meaning of unfamiliar words, specialized vocabulary, figurative language, idiomatic expressions, and technical meanings of terms through context clues, word roots and affixes, and the use of appropriate resource materials such as print and electronic dictionaries.
	ELA.2.CE 2.1.6	Recognize the defining characteristics of informational texts, speeches, and multimedia presentations (e.g., documentaries and research presentations) and elements of expository texts (e.g., thesis, supporting ideas, and statistical evidence); critically examine the argumentation and conclusions of multiple informational texts.
02.04.02	Inspect oil pump gears or rotors, housing, pressure relief devices, and pump drive; perform necessary action(P-2).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.1.3	Determine the meaning of unfamiliar words, specialized vocabulary, figurative language, idiomatic expressions, and technical meanings of terms through context clues, word roots and affixes, and the use of appropriate resource materials such as print and electronic dictionaries.
	ELA.2.CE 2.1.6	Recognize the defining characteristics of informational texts, speeches, and multimedia presentations (e.g., documentaries and research presentations) and elements of expository texts (e.g., thesis, supporting ideas, and statistical evidence); critically examine the argumentation and conclusions of multiple informational texts.
02.04.03	Perform cooling system pressure test; determine necessary action(A8U2/L2)(P-1).	
02.04.04	Inspect, replace, and adjust drive belts, tensioners, and pulleys; check pulley and belt alignment(A8U2/L2)(P-1).	
02.04.05	Inspect and replace engine cooling and heater system hoses(P-1).	
02.04.06	Inspect, test, and replace thermostat and gasket(A8U2/L2)(P-1).	
02.04.07	Test coolant; drain and recover coolant; flush and refill cooling system with recommended coolant; bleed air as required(P-1).	
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
02.04.08	Inspect, test, remove, and replace water pump(P-1).	
02.04.09	Remove and replace radiator(P-2).	
02.04.10	Inspect, and test fans(s) (electrical or mechanical), fan clutch, fan shroud, and air dams(P-1).	
02.04.11	Inspect auxiliary oil coolers; determine necessary action(P-3).	
02.04.12	Inspect, test, and replace oil temperature and pressure switches and sensors(P-2).	
02.04.13	Perform oil and filter change(P-1).	

MANUAL DRIVE TRAIN AND AXLES

03.01 Diagnose and Repair Drive Shaft and Half Shaft, Universal and Constant-Velocity (CV) Joint

03.01.01	Diagnose constant-velocity (CV) joint noise and vibration concerns; determine necessary action(P-1).	
03.01.02	Diagnose universal joint noise and vibration concerns; perform necessary action(P-1).	
03.01.03	Remove and replace front wheel drive (FWD) front wheel bearing(A5U4/L3)(P-1).	
03.01.04	Inspect, service, and replace shafts, yokes, boots, and CV joints(P-1).	
03.01.05	Inspect, service, and replace shaft center support bearings(P-3).	
03.01.06	Check shaft balance and phasing; measure shaft runout; measure and adjust driveline angles(P-2).	
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.

03.02 Diagnose and Repair Drive Axle

03.02.01	Diagnose noise and vibration concerns; determine necessary action(P-2).	
03.02.02	Diagnose fluid leakage concerns; determine necessary action(P-1).	
03.02.03	Inspect and replace companion flange and pinion seal; measure companion flange runout(P-1).	
03.02.04	Inspect ring gear and measure runout; determine necessary action(P-2).	
03.02.05	Remove, inspect, and reinstall drive pinion and ring gear, spacers, sleeves, and bearings(P-2).	
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
	Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
	Math.2.A1.2.1	Write equations and inequalities with one or two variables to represent mathematical or applied situations, and solve.
03.02.06	Measure and adjust drive pinion depth(P-2).	
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
	Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
	Math.2.A1.2.1	Write equations and inequalities with one or two variables to represent mathematical or applied situations, and solve.
	Math.2.A1.2.9	Know common formulas (e.g., slope, distance between two points, quadratic formula, compound interest, distance = velocity • time), and apply appropriately in contextual situations.
03.02.07	Measure and adjust drive pinion bearing preload(P-2).	
03.02.08	Measure and adjust side bearing preload and ring and pinion gear total backlash and backlash variation on a differential carrier assembly (threaded cup or shim types)(P-2).	

	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
03.02.09	Check ring and pinion tooth contact patterns; perform necessary action(P-2).	
03.02.10	Disassemble, inspect, measure, and adjust or replace differential pinion gears (spiders), shaft, side gears, side bearings, thrust washers, and case(P-2).	
03.02.11	Reassemble and reinstall differential case assembly; measure runout; determine necessary action(P-2).	
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
03.02.12	Diagnose drive axle shafts, bearings, and seals for noise, vibration, and fluid leakage concerns; determine necessary action(P-2).	
03.02.13	Inspect and replace drive axle shaft wheel studs(A5U4L3)(P-1).	
03.02.14	Remove and replace drive axle shafts(P-1).	
03.02.15	Inspect and replace drive axle shaft seals, bearings, and retainers(P-2).	
03.02.16	Measure drive axle flange runout and shaft endplay; determine necessary action(P-2).	
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
03.03	**Diagnose and Repair Four-wheel Drive/All-wheel Drive Component**	
03.03.01	Diagnose noise, vibration, and unusual steering concerns; determine necessary action(P-3).	
03.03.02	Inspect, adjust, and repair shifting controls (mechanical, electrical, and vacuum), bushings, mounts, levers, and brackets(P-3).	
03.03.03	Inspect front-wheel bearings and locking hubs; perform necessary action(A5U4L2,3)(P-3).	
03.03.04	Diagnose, test, adjust, and replace electrical/electronic components of four-wheel drive systems(P-3).	

SUSPENSION AND STEERING

04.01 Diagnose General Suspension and Steering Systems Condition

04.01.01	Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction(AYESA4,SCC)(P-1).	
	ELA.1.CE 1.1.3	Select and use language that is appropriate (e.g., formal, informal, literary, or technical) for the purpose, audience, and context of the text, speech, or visual representation (e.g., letter to editor, proposal, poem, or digital story).
	ELA.1.CE 1.4.2	Develop a system for gathering, organizing, paraphrasing, and summarizing information; select, evaluate, synthesize, and use multiple primary and secondary (print and electronic) resources.

	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.1.7	Demonstrate understanding of written, spoken, or visual information by restating, paraphrasing, summarizing, critiquing, or composing a personal response; distinguish between a summary and a critique.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
	Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
	Math.2.A1.2.1	Write equations and inequalities with one or two variables to represent mathematical or applied situations, and solve.
04.01.02	Identify and interpret suspension and steering concern; determine necessary action(A4U2L2,3)(P-1).	
	ELA.2.CE 2.1.3	Determine the meaning of unfamiliar words, specialized vocabulary, figurative language, idiomatic expressions, and technical meanings of terms through context clues, word roots and affixes, and the use of appropriate resource materials such as print and electronic dictionaries.
	ELA.2.CE 2.1.4	Identify and evaluate the primary focus, logical argument, structure, and style of a text or speech and the ways in which these elements support or confound meaning or purpose.
04.01.03	Research applicable vehicle and service information, such as suspension and steering system operation, vehicle service history, service precautions, and technical service bulletins(A4U2L3;U4L1)(P-1).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.1.5	Analyze and evaluate the components of multiple organizational patterns (e.g., compare/contrast, cause/effect, problem/solution, fact/opinion, theory/evidence).
	ELA.2.CE 2.1.11	Demonstrate appropriate social skills of audience, group discussion, or work team behavior by listening attentively and with civility to the ideas of others, gaining the floor in respectful ways, posing appropriate questions, and tolerating ambiguity and lack of consensus.
04.01.04	Locate and interpret vehicle and major component identification numbers (VIN, vehicle certification labels, calibration decals)(A4U8L1)(P-1).	
	ELA.1.CE 1.2.1	Write, speak, and use images and graphs to understand and discover complex ideas.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	ELA.2.CE 2.3.4	Critically interpret primary and secondary research-related documents (e.g., historical and government documents, newspapers, critical and technical articles, and subject-specific books).

	ELA.2.CE 2.3.5	Engage in self-assessment as a reader, listener, and viewer, while monitoring comprehension and using a variety of strategies to overcome difficulties when constructing and conveying meaning.

04.02 Diagnose and Repair Steering Systems

04.02.01	Disable and enable supplemental restraint system (SRS)(A4U6L2)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.02	Remove and replace steering wheel; center/time supplemental restraint system (SRS) coil (clock spring)(A4U6L2)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.03	Diagnose steering column noises, looseness, and binding concerns (including tilt mechanisms); determine necessary action(A4U6L2)(P-2).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.04	Diagnose power steering gear (non-rack and pinion) binding, uneven turning effort, looseness, hard steering, noise, and fluid leakage concerns; determine necessary action(A4U6L3)(P-3).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.05	Diagnose power steering gear (rack and pinion) binding, uneven turning effort, looseness, hard steering, noise, and fluid leakage concerns; determine necessary action(A4U6L3)(P-3).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.06	Inspect steering shaft universal-joint(s), flexible coupling(s), collapsible column, lock cylinder mechanism, and steering wheel; perform necessary action(A4U6L2)(P-2).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.07	Adjust manual or power non-rack and pinion worm bearing preload and sector lash(A4U5L2)(P-3).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.08	Remove and replace manual or power rack and pinion steering gear; inspect mounting bushings and brackets(A4U4L2)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.09	Inspect and replace manual or power rack and pinion steering gear inner tie rod ends (sockets) and bellows boots(A4U3L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.10	Determine proper power steering fluid types; inspect fluid level and condition(A4U2L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.

	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
04.02.11	Flush, fill, and bleed power steering system(A4U2L1)(P-2).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
04.02.12	Diagnose power steering fluid leakage; determine necessary action(A4U2L2)(P-2).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.13	Remove, inspect, replace, and adjust power steering pump belt(A4U2L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.14	Remove and reinstall power steering pump(A4U2L2)(P-3).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.15	Remove and reinstall power steering pump pulley; check pulley and belt alignment(A4U2L2)(P-3)	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.16	Inspect and replace power steering hoses and fittings(A4U2L2)(P-2).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.17	Inspect and replace pitman arm, relay (centerlink/intermediate) rod, idler arm and mountings, and steering linkage damper(A4U3L1)(P-2).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.18	Inspect, replace, and adjust tie rod ends (sockets), tie rod sleeves, and clamps(A4U3L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.19	Test and diagnose components of electronically controlled steering systems using a scan tool; determine necessary action(A4U2L3)(P-3).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
04.02.20	Inspect and test non-hydraulic electric-power assist steering(A4U2L3)(P-3).	

	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
04.02.21	Identify hybrid vehicle power steering system electrical circuits, service and safety precautions(P-3).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).

04.03 Diagnose and Repair Suspension Systems

04.03.01	Diagnose short and long arm suspension system noises, body sway, and uneven riding height concerns; determine necessary action(A4U8L1)(P-1).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.03.02	Diagnose strut suspension system noises, body sway, and uneven riding height concerns; determine necessary action(A4U9L1)(P-1).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.03.03	Remove, inspect, and install upper and lower control arms, bushings, shafts, and rebound bumpers(A4U8L3)(P-3).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.03.04	Remove, inspect and install strut rods (compression/tension) and bushings(A4U8L1)(P-2).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.03.05 Remove, inspect, and install upper and/or lower ball joints(A4U8L3)(P-1).	
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.03.06 Remove, inspect, and install steering knuckle assemblies(A4U8L3)(P-2).	
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.03.07 Remove, inspect, and install short and long arm suspension system coil springs and spring insulators(A4U8L3)(P-3).	
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.03.08 Remove, inspect, install, and adjust suspension system torsion bars; inspect mounts(A4U8L3)(P-3).	
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.

04.03.09	Remove, inspect, and install stabilizer bar bushings, brackets, and links(A4U8L2)(P-2).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.03.10	Remove, inspect, and install strut cartridge or assembly, strut coil spring, insulators (silencers), and upper strut bearing mount(A4U9L1)(P-1).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.03.11	Lubricate suspension and steering systems(A4U8L1)(P-2).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.03.12	Remove, inspect, and install coil springs and spring insulators(A4U11L2)(P-2).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.03.13	Remove, inspect, and install transverse links, control arms, bushings, and mounts(A4U11L2)(P-2).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.03.14	Remove, inspect, and install leaf springs, leaf spring insulators (silencers), shackles, brackets, bushings, and mounts(A4U11L2)(P-3).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.03.15	Remove, inspect, and install strut cartridge or assembly, strut coil spring, and insulators (silencers)(A4U11L2)(P-2).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.03.16	Inspect, remove, and replace shock absorbers(A4U8L2)(P-1).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.03.17	Remove, inspect, and service or replace front and rear wheel bearings(A4U10L1)(P-1).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.

04.03.18 Test and diagnose components of electronically controlled suspension systems using a scan tool; determine necessary action(A4U11L2)(P-3).

ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.

04.04 Diagnose, Adjust, Repair, and Align Wheels

04.04.01 Diagnose vehicle wander, drift, pull, hard steering, bump steer, memory steer, torque steer, and steering return concerns; determine necessary action(A4U14L3)(P-1).

ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.

04.04.02 Perform prealignment inspection; perform necessary action(A4U14L3)(P-1).

ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.

04.04.03 Measure vehicle riding height; determine necessary action(A4U14L3)(P-1).

ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.

Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
04.04.04	Check and adjust front and rear wheel camber; perform necessary action(A4U14L3)(P-1).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
04.04.05	Check and adjust caster; perform necessary action(A4U14L3)(P-1).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
04.04.06	Check and adjust front wheel toe and center steeling wheel(A4U14L3)(P-1).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.

	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
04.04.07	Check toe-out-on-turns (turning radius); determine necessary action(A4U14L3)(P-2).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
04.04.08	Check SAI (steering axis inclination) and included angle; determine necessary action(A4U14L3)(P-2).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.

	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
04.04.09	Check and adjust rear wheel toe(A4U14L3)(P-1).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
04.04.10	Check rear wheel thrust angle; determine necessary action(A4U14L3)(P-1).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
04.04.11	Check for front wheel setback; determine necessary action(A4U14L3)(P-2).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.

	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
04.04.12	Check front cradle (subframe) alignment; determine necessary action(A4U14L3)(P-3).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
04.05	**Diagnose and Repair Wheel and Tire**	
04.05.01	Diagnose tire wear patterns; determine necessary action(A4U13L2)(P-1).	
04.05.02	Inspect tires; check and adjust air pressure(A4U13L2)(P-1).	
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
04.05.03	Diagnose wheel/tire vibration, shimmy, and noise; determine necessary action(A4U13L2)(P-2).	
04.05.04	Rotate tires according to manufacturer's recommendations(A4U13L2)(P-1).	
04.05.05	Measure wheel, tire, axle, and hub runout; determine necessary action(A4U13L2)(P-2).	
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
04.05.06	Diagnose tire pull (lead) problem; determine necessary action(A4U13L2)(P-2).	
04.05.07	Balance wheel and tire assembly (static and dynamic)(A4U13L2)(P-1).	
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.

	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
04.05.08	Dismount, inspect, and remount tire on wheel(A4U13L2)(P-2).	
04.05.09	Dismount, inspect, and remount tire on wheel equipped with tire pressure sensor(A4U13L2)(P-3).	
04.05.10	Reinstall wheel; torque lug nuts(A4U13L2)(P-1).	
04.05.11	Inspect tire and wheel assembly for air loss; perform necessary action(A4U13L2)(P-1).	
04.05.12	Repair tire using internal patch(A4U13L2)(P-1).	
04.05.13	Inspect, diagnose, and calibrate tire pressure monitoring system(A4U13L2)(P-3).	

BRAKES

05.01 Diagnose General Brake System Condition

05.01.01	Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction(A5;SCC;ICS;S&O)(P-1).	
	ELA.1.CE 1.1.3	Select and use language that is appropriate (e.g., formal, informal, literary, or technical) for the purpose, audience, and context of the text, speech, or visual representation (e.g., letter to editor, proposal, poem, or digital story).
	ELA.1.CE 1.4.2	Develop a system for gathering, organizing, paraphrasing, and summarizing information; select, evaluate, synthesize, and use multiple primary and secondary (print and electronic) resources.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.1.7	Demonstrate understanding of written, spoken, or visual information by restating, paraphrasing, summarizing, critiquing, or composing a personal response; distinguish between a summary and a critique.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
	Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
	Math.2.A1.2.1	Write equations and inequalities with one or two variables to represent mathematical or applied situations, and solve.
05.01.02	Identify and interpret brake system concern; determine necessary action(A5U4L1)(P-1).	
	ELA.2.CE 2.1.3	Determine the meaning of unfamiliar words, specialized vocabulary, figurative language, idiomatic expressions, and technical meanings of terms through context clues, word roots and affixes, and the use of appropriate resource materials such as print and electronic dictionaries.
	ELA.2.CE 2.1.4	Identify and evaluate the primary focus, logical argument, structure, and style of a text or speech and the ways in which these elements support or confound meaning or purpose.
05.01.03	Research applicable vehicle and service information, such as brake system operation, vehicle service history, service precautions, and technical service bulletins(A5U4L1)(P-1).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.

	ELA.2.CE 2.1.5	Analyze and evaluate the components of multiple organizational patterns (e.g., compare/contrast, cause/effect, problem/solution, fact/opinion, theory/evidence).
05.01.04	Locate and interpret vehicle and major component identification numbers (VIN, vehicle certification labels, calibration decals)(A5U4L1)(P-1).	
	ELA.1.CE 1.2.1	Write, speak, and use images and graphs to understand and discover complex ideas.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	ELA.2.CE 2.3.4	Critically interpret primary and secondary research-related documents (e.g., historical and government documents, newspapers, critical and technical articles, and subject-specific books).
	ELA.2.CE 2.3.5	Engage in self-assessment as a reader, listener, and viewer, while monitoring comprehension and using a variety of strategies to overcome difficulties when constructing and conveying meaning.
05.02	**Diagnose and Repair Hydraulic System**	
05.02.01	Diagnose pressure concerns in the brake system using hydraulic principles (Pascal's Law)(A5U4L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
	Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
	Math.2.A1.2.9	Know common formulas (e.g., slope, distance between two points, quadratic formula, compound interest, distance = velocity • time), and apply appropriately in contextual situations.
05.02.02	Measure brake pedal height; determine necessary action(A5U4L2)(P-2).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
05.02.03	Check master cylinder for internal and external leaks and proper operation; determine necessary action(A5U5L1)(P-2).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.02.04	Remove, bench bleed, and reinstall master cylinder(A5U5L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.02.05	Diagnose poor stopping, pulling or dragging concerns caused by malfunctions in the hydraulic system; determine necessary action(A5U4L1)(P-1).	

	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.02.06	Inspect brake lines, flexible hoses, and fittings for leaks, dents, kinks, rust, cracks, bulging or wear; tighten loose fittings and supports; determine necessary action(A5U4L2)(P-2).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.02.07	Fabricate and/or install brake lines (double flare and ISO types); replace hoses, fittings, and supports as needed(A5U5L2)(P-2).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
05.02.08	Select, handle, store, and fill brake fluids to proper level(A5U3L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
05.02.09	Inspect, test, and/or replace metering (hold-off), proportioning (balance), pressure differential, and combination valves(A5U5L3)(P-2).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.02.10	Inspect, test, and adjust height (load) sensing proportioning valve(A5U5L3)(P-3).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.02.11	Inspect, test, and/or replace components of brake warning light system(A5U4L2)(P-3).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.02.12	Bleed (manual, pressure, vacuum or surge) brake system(A5U3L3)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.02.13	Flush hydraulic system(A5U3L2)(P-3).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).

05.03 Diagnose and Repair Drum Brake

05.03.01	Diagnose poor stopping, noise, vibration, pulling, grabbing, dragging or pedal pulsation concerns; determine necessary action(A5U4L1)(P-1).	

05.03.02	Remove, clean (using proper safety procedures), inspect, and measure brake drums; determine necessary action(A5U7L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
05.03.03	Refinish brake drum(A5U7L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.3.G1.6.1	Solve multi-step problems involving circumference and area of circles.
05.03.04	Remove, clean, and inspect brake shoes, springs, pins, clips, levers, adjusters/self-adjusters, other related brake hardware, and backing support plates; lubricate and reassemble(A5U7L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.03.05	Remove, inspect, and install wheel cylinders(A5U7L1)(P-2).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.03.06	Pre-adjust brake shoes and parking brake before installing brake drums or drum/hub assemblies and wheel bearings(A5U7L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.03.07	Install wheel, torque lug nuts, and make final checks and adjustments(A5U7L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.04	**Diagnose and Repair Disc Brake**	
05.04.01	Diagnose poor stopping, noise, vibration, pulling, grabbing, dragging or pedal pulsation concerns; determine necessary action(A5U4L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.04.02	Remove caliper assembly from mountings; clean and inspect for leaks and damage to caliper housing; determine necessary action(A5U6L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.04.03	Clean and inspect caliper mounting and slides for wear and damage; determine necessary action(A5U6L1)(P-1).	

	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.04.04	Remove, clean, and inspect pads and retaining hardware; determine necessary action(A5U6L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.04.05	Disassemble and clean caliper assembly; inspect parts for wear, rust, scoring, and damage; replace seal, boot, and damaged or worn parts(A5U6L1)(P-2).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.04.06	Reassemble, lubricate, and reinstall caliper, pads, and related hardware; seat pads, and inspect for leaks(A5U6L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.04.07	Clean, inspect, and measure rotor with a dial indicator and a micrometer; follow manufacturer's recommendations in determining need to machine or replace(A5U6L2)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
	Math.3.G1.6.1	Solve multi-step problems involving circumference and area of circles.
05.04.08	Remove and reinstall rotor(A5U6L2)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.04.09	Refinish rotor on vehicle(A5U6L2)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.04.10	Refinish rotor off vehicle(A5U6L2)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.04.11	Adjust calipers equipped with an integrated parking brake system(A5U6L1)(P-3).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.04.12	Install wheel, torque lug nuts, and make final checks and adjustments(A5U7L1)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.05	**Diagnose and Repair Power Assist Units**	
05.05.01	Test pedal free travel with and without engine running; check power assist operation(A5U8L1)(P-2).	

	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.05.02	Check vacuum supply (manifold or auxiliary pump) to vacuum-type power booster(A5U8L1)(P-2).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.05.03	Inspect the vacuum-type power booster unit for vacuum leaks; inspect the check valve for proper operation; determine necessary action(A5U8L1)(P-2).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.05.04	Inspect and test hydraulically assisted power brake system for leaks and proper operation; determine necessary action(A5U8L2)(P-3).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.05.05	Measure and adjust master cylinder pushrod length(A5U8L1)(P-3).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
05.06	**Diagnose and Repair Miscellaneous Brake Components (Wheel Bearings, Parking Brakes, Electrical, Etc.)**	
05.06.01	Diagnose wheel bearing noises, wheel shimmy, and vibration concerns; determine necessary action(A5U4L2)(P-1).	
05.06.02	Remove, clean, inspect, repack, and install wheel bearings and replace seals; install hub and adjust wheel bearings(A5U4L2)(P-1).	
05.06.03	Check parking brake cables and components for wear, rusting, binding, and corrosion; clean, lubricate, or replace as needed(A5U7L1)(P-2).	
05.06.04	Check parking brake operation; determine necessary action(A5U7L1)(P-1).	
05.06.05	Check operation of parking brake indicator light system(A5U7L1)(P-13).	
05.06.06	Check operation of brake stop light system; determine necessary action(A5U7L1;U5L3)(P-1).	
05.06.07	Replace wheel bearing and race(A5U4L2)(P-1).	
05.06.08	Inspect and replace wheel studs(A5U4L3)(P-1).	
05.06.09	Remove and reinstall sealed wheel bearing assembly(A5U4L3)(P-2).	
05.07	**Service Antilock Brake and Traction Control Systems**	
05.07.01	Identify and inspect antilock brake system (ABS) components; determine necessary action(A5U9L2)(P-1).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.07.02	Diagnose poor stopping, wheel lock-up, abnormal pedal feel or pulsation, and noise concerns caused by the antilock brake system (ABS); determine necessary action(A5U9L1)(P-2).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.07.03	Diagnose antilock brake system (ABS) electronic control(s) and components using self-diagnosis and/or recommended test equipment; determine necessary action(A5U9L1)(P-1).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.07.04	Depressurize high-pressure components of the antilock brake system (ABS)(A5U9L2)(P-3).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.07.05	Bleed the antilock brake system's (ABS) front and rear hydraulic circuits(A5U9L2)(P-2).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.07.06	Remove and install antilock brake system (ABS) electrical/electronic and hydraulic components(A5U9L2)(P-3).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
05.07.07	Test, diagnose and service ABS speed sensors, toothed ring (tone wheel), and circuits using a graphing multimeter (GMM)/digital storage oscilloscope (DSO) (includes output signal, resistance, shorts to voltage/ground, and frequency data)(A5U9L1)(P-1).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.

	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
05.07.08	Diagnose antilock brake system (ABS) braking concerns caused by vehicle modifications (tire size, curb height, final drive ratio, etc.)(A5U9L1)(P-3).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.2.A1.2.9	Know common formulas (e.g., slope, distance between two points, quadratic formula, compound interest, distance = velocity • time), and apply appropriately in contextual situations.
05.07.09	Identify traction control/vehicle stability control system components(A5U2L4)(P-3).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).

ELECTRICAL/ELECTRONIC SYSTEMS

06.01 Diagnose General Electrical System Condition

06.01.01 Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction(A6;SCC;ICS;S&O)(P-1).

ELA.1.CE 1.1.3	Select and use language that is appropriate (e.g., formal, informal, literary, or technical) for the purpose, audience, and context of the text, speech, or visual representation (e.g., letter to editor, proposal, poem, or digital story).
ELA.1.CE 1.4.2	Develop a system for gathering, organizing, paraphrasing, and summarizing information; select, evaluate, synthesize, and use multiple primary and secondary (print and electronic) resources.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.1.7	Demonstrate understanding of written, spoken, or visual information by restating, paraphrasing, summarizing, critiquing, or composing a personal response; distinguish between a summary and a critique.
ELA.2.CE 2.2.2	Examine the ways in which prior knowledge and personal experience affect the understanding of written, spoken, or multimedia text.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
Math.2.A1.2.1	Write equations and inequalities with one or two variables to represent mathematical or applied situations, and solve.

06.01.02 Identify and interpret electrical/electronic system concern; determine necessary action(A6U3L2)(P-1).

ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.1.3	Determine the meaning of unfamiliar words, specialized vocabulary, figurative language, idiomatic expressions, and technical meanings of terms through context clues, word roots and affixes, and the use of appropriate resource materials such as print and electronic dictionaries.
ELA.2.CE 2.1.4	Identify and evaluate the primary focus, logical argument, structure, and style of a text or speech and the ways in which these elements support or confound meaning or purpose.

06.01.03 Research applicable vehicle and service information, such as electrical/electronic system operation, vehicle service history, service precautions, and technical service bulletins(A6U3L2)(P-1).

	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.1.5	Analyze and evaluate the components of multiple organizational patterns (e.g., compare/contrast, cause/effect, problem/solution, fact/opinion, theory/evidence).
	ELA.2.CE 2.1.11	Demonstrate appropriate social skills of audience, group discussion, or work team behavior by listening attentively and with civility to the ideas of others, gaining the floor in respectful ways, posing appropriate questions, and tolerating ambiguity and lack of consensus.
	ELA.2.CE 2.1.12	Use a variety of strategies to enhance listening comprehension (e.g., monitor message for clarity and understanding, ask relevant questions, provide verbal and nonverbal feedback, notice cues such as change of pace or emphasis that indicate a new point is about to be made; and take notes to organize essential information).
06.01.04	Locate and interpret vehicle and major component identification numbers (VIN, vehicle certification labels, and calibration decals)(A6U3L1)(P-1).	
	ELA.1.CE 1.2.1	Write, speak, and use images and graphs to understand and discover complex ideas.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	ELA.2.CE 2.3.4	Critically interpret primary and secondary research-related documents (e.g., historical and government documents, newspapers, critical and technical articles, and subject-specific books).
	ELA.2.CE 2.3.5	Engage in self-assessment as a reader, listener, and viewer, while monitoring comprehension and using a variety of strategies to overcome difficulties when constructing and conveying meaning.
06.01.05	Diagnose electrical/electronic integrity of series, parallel and series-parallel circuits using principles of electricity (Ohm's Law)(A6U3L2);U15/2)(P-1).	
	ELA.2.CE 2.1.11	Demonstrate appropriate social skills of audience, group discussion, or work team behavior by listening attentively and with civility to the ideas of others, gaining the floor in respectful ways, posing appropriate questions, and tolerating ambiguity and lack of consensus.
	ELA.2.CE 2.1.12	Use a variety of strategies to enhance listening comprehension (e.g., monitor message for clarity and understanding, ask relevant questions, provide verbal and nonverbal feedback, notice cues such as change of pace or emphasis that indicate a new point is about to be made; and take notes to organize essential information).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.

	Math.2.A1.2.1	Write equations and inequalities with one or two variables to represent mathematical or applied situations, and solve.
	Math.2.A1.2.9	Know common formulas (e.g., slope, distance between two points, quadratic formula, compound interest, distance = velocity • time), and apply appropriately in contextual situations.
06.01.06	Use wiring diagrams during diagnosis of electrical circuit problems(A6U3L1)(P-1).	
	ELA.2.CE 2.1.12	Use a variety of strategies to enhance listening comprehension (e.g., monitor message for clarity and understanding, ask relevant questions, provide verbal and nonverbal feedback, notice cues such as change of pace or emphasis that indicate a new point is about to be made; and take notes to organize essential information).
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
	Math.2.A1.2.1	Write equations and inequalities with one or two variables to represent mathematical or applied situations, and solve.
06.01.07	Demonstrate the proper use of a digital multimeter (DMM) during diagnosis of electrical circuit problems(A6U1L4,L6;U15/2))(P-2).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.1.12	Use a variety of strategies to enhance listening comprehension (e.g., monitor message for clarity and understanding, ask relevant questions, provide verbal and nonverbal feedback, notice cues such as change of pace or emphasis that indicate a new point is about to be made; and take notes to organize essential information).
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
06.01.08	Check electrical circuits with a test light; determine necessary action(A6U3L3;U15/2))(P-1).	

	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.1.12	Use a variety of strategies to enhance listening comprehension (e.g., monitor message for clarity and understanding, ask relevant questions, provide verbal and nonverbal feedback, notice cues such as change of pace or emphasis that indicate a new point is about to be made; and take notes to organize essential information).
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
06.01.09	Measure source voltage and perform voltage drop tests in electrical/electronic circuits using a voltmeter; determine necessary action(A6U1L4,L6)(P-1).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
	Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
	Math.2.A1.2.1	Write equations and inequalities with one or two variables to represent mathematical or applied situations, and solve.
06.01.10	Measure current flow in electrical/electronic circuits and components using an ammeter; determine necessary action(A6U1L4,L6)(P-1).	

	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
	Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
	Math.2.A1.2.1	Write equations and inequalities with one or two variables to represent mathematical or applied situations, and solve.
06.01.11	Check continuity and measure resistance in electrical/electronic circuits and components using an ohmmeter; determine necessary action(A6U1L4,L6)(P-1).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.

	Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
	Math.2.A1.2.1	Write equations and inequalities with one or two variables to represent mathematical or applied situations, and solve.
06.01.12	Check electrical circuits using fused jumper wires; determine necessary action(A6U3L3;U15/2)(P-2).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
06.01.13	Locate shorts, grounds, opens, and resistance problems in electrical/electronic circuits; determine necessary action(A6U3L3)(P-1).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
06.01.14	Measure and diagnose the cause(s) of excessive key-off battery drain (parasitic draw); determine necessary action(A6U3L4)(P-1).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.

	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
06.01.15	Inspect and test fusible links, circuit breakers, and fuses; determine necessary action(A6U3L3)(P-1).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
06.01.16	Inspect and test switches, connectors, relays, solenoid solid state devices, and wires of electrical/electronic circuits; perform necessary action(A6U3L3,U7L3)(P-1).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
06.01.17	Remove and replace terminal end from connector(A6U7L1;U15/2)(P-1)	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.

	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
06.01.18	Repair connectors and terminal ends(A6U7L1;U15/2)(P-1).	
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
06.01.19	Repair wiring harness (including CAN/BUS systems)(A6U7L1;U15/2)(P-1).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
06.01.20	Perform solder repair of electrical wiring(A6U7L1;U15/2)(P-1).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
06.01.21	Identify location of hybrid vehicle high voltage circuit disconnect (service plug) location and safety procedures(P-3)	
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).

06.02 Diagnose and Service Battery

06.02.01 Perform battery state-of-charge test; determine necessary action(A6U4L1,L3)(P-1).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.02.02 Perform battery capacity test (or conductance test); confirm proper battery capacity for vehicle application; determine necessary action(A6U4L1,L3)(P-1).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.02.03 Maintain or restore electronic memory functions(A6U4L1,L2)(P-1).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.02.04 Inspect, clean, fill, and replace battery(A6U4L1,L2)(P-1).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.02.05 Perform slow/fast battery charge(A6U4L1,L2)(P-2).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.02.06 Inspect and clean battery cables, connectors, clamps, and hold-downs; repair or replace as needed(A6U4L1,L2)(P-1).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.02.07 Start a vehicle using jumper cables and a battery or auxiliary power supply(A6U4L1,L2)(P-1).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.02.08 Identify high voltage circuits of electric or hybrid electric vehicle and related safety precautions(P-3).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.02.09 Identify electronic modules, security systems and/or radios that require reinitialization or code entry following battery disconnect(P-2).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.02.10 Identify hybrid vehicle auxiliary (12v) battery service, repair and test procedures(P-3).

ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.03 Diagnose and Repair Starting System

06.03.01 Perform starter current draw tests; determine necessary action(A6U6L2)(P-1).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.03.02 Perform starter circuit voltage drop tests; determine necessary action(A6U6L2)(P-1).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.

06.03.03 Inspect and test starter relays and solenoids; determine necessary action(A6U6L2)(P-2).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.

06.03.04 Remove and install starter in a vehicle(A6U6L2)(P-1).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.03.05 Inspect and test switches, connectors, and wires of starter control circuits; perform necessary action(A6U6L2)(P-2).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.

	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
06.03.06	Differentiate between electrical and engine mechanical problems that cause a slow-crank or no-crank condition(A6U6L3)(P-2).	
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
06.04	**Diagnose and Repair Charging System**	
06.04.01	Perform charging system output test; determine necessary action(A6U5L2)(P-1).	
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
06.04.02	Diagnose charging system for the cause of undercharge, no-charge, and overcharge conditions(A6U5L2)(P-1).	
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
06.04.03	Inspect, adjust, or replace generator (alternator) drive belts, pulleys, and tensioners; check pulley and belt alignment(A6U5L3)(P-1).	
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
06.04.04	Remove, inspect, and install generator (alternator)(A6U5L3)(P-1).	
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
06.04.05	Perform charging circuit voltage drop tests; determine necessary action(A6U5L2)(P-1).	
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
	Math.2.A1.2.9	Know common formulas (e.g., slope, distance between two points, quadratic formula, compound interest, distance = velocity • time), and apply appropriately in contextual situations.
06.05	**Diagnose and Repair Lighting Systems**	
06.05.01	Diagnose the cause of brighter than normal, intermittent, dim, or no light operation; determine necessary action(A6U8L2)(P-1).	

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
06.05.02	Inspect, replace, and aim headlights and bulbs(A6U8L2)(P-2).
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
06.05.03	Inspect and diagnose incorrect turn signal or hazard light operation; perform necessary action(A6U8L2)(P-2).
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
06.05.04	Identify system voltage and safety precautions associated with high intensity discharge headlights(A6U8L2)(P-3).
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
06.06	**Diagnose and Repair Gauges, Warning Devices, and Driver Information Systems**
06.06.01	Inspect and test gauges and gauge sending units for cause of intermittent, high, low, or no gauge readings; determine necessary action(A6U9L1)(P-1).
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.06.02 Inspect and test connectors, wires, and printed circuit boards of gauge circuits; determine necessary action(A6U9L1;U15L1)(P-3).

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.06.03 Diagnose the cause of incorrect operation of warning devices and other driver information systems; determine necessary action(A6U9L1)(P-1).

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.06.04 Inspect and test sensors, connectors, and wires of electronic (digital) instrument circuits; determine necessary action(A6U9L1)(P-3).

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.07 Diagnose and Repair Horn and Wiper/Washer

06.07.01 Diagnose incorrect horn operation; perform necessary action(A6U2L1)(P-2).

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.07.02 Diagnose incorrect wiper operation; diagnose wiper speed control and park problems; perform necessary action(A6U3L4)(P-2).

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.07.03 Diagnose incorrect washer operation; perform necessary action(A6U3L4)(P-2).

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.08 Diagnose and Repair Electrical Accessories

06.08.01 Diagnose incorrect operation of motor-driven accessory circuits; determine necessary action(A6U10L1)(P-2).

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.08.02 Diagnose incorrect heated glass, mirror, or seat operation; determine necessary action(A6U10L1)(P-2).

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.08.03 Diagnose incorrect electric lock operation; determine necessary action(A6U10L1)(P-2).

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.08.04 Diagnose incorrect operation of cruise control systems; determine necessary action(A6U13L1)(P-3).

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
06.08.05	Diagnose supplemental restraint system (SRS) concerns; determine necessary action. (Note: Follow manufacturer's safety procedures to prevent accidental deployment.)(A6U13L2)(P-1)
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
06.08.06	Disarm and enable the airbag system for vehicle service(A6U13L2)(P-1).
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
06.08.07	Diagnose radio static and weak, intermittent, or no radio reception; determine necessary action(A6U10L1)(P-3).
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
06.08.08	Remove and reinstall door panel(A6U10L1)(P-1).
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.08.09 Diagnose body electronic system circuits using a scan tool; determine necessary action(A6U14L3)(P-2).

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
Math.2.A1.2.9	Know common formulas (e.g., slope, distance between two points, quadratic formula, compound interest, distance = velocity • time), and apply appropriately in contextual situations.

06.08.10 Check for module communication (CAN/BUS) errors using a scan tool(A6U14L3)(P-3).

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

06.08.11 Diagnose the cause of false, intermittent, or no operation of anti-theft systems(A6U10L2)(P-2).

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

HEATING AND AIR CONDITIONING

07.01 Diagnose and Repair Heating, Ventilation, and Engine Cooling Systems

07.01.01 Diagnose temperature control problems in the heater/ventilation system; determine necessary action(P-2).

Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
07.01.02	Perform cooling system pressure tests; check coolant condition, inspect and test radiator, pressure cap, coolant recovery tank, and hoses; perform necessary action(A8U2L2)(P-1).
07.01.03	Inspect engine cooling and heater system hoses and belts; perform necessary action(P-1).
07.01.04	Inspect, test, and replace thermostat and gasket(A8U2L2)(P-1).
07.01.05	Determine coolant condition and coolant type for vehicle application; drain and recover coolant(A8U2L2)(P-1).
07.01.06	Flush system; refill system with recommended coolant; bleed system(A8U2L2)(P-1).
Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
07.01.07	Inspect and test cooling fan, fan clutch, fan shroud, and air dams; perform necessary action(A8U2L2)(P-1).
Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
07.01.08	Inspect and test electric cooling fan, fan control system and circuits; determine necessary action(A8U2L2)(P-1).
Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
Math.2.A1.2.9	Know common formulas (e.g., slope, distance between two points, quadratic formula, compound interest, distance = velocity • time), and apply appropriately in contextual situations.
07.01.09	Inspect and test heater control valve(s); perform necessary action(P-2).
Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
07.01.10	Remove, inspect, and reinstall heater core(P-3).

07.02 Diagnose and Repair Operating Systems and Related Controls

07.02.01 Diagnose malfunctions in the electrical controls of heating, ventilation, and A/C (HVAC) systems; determine necessary action(P-2).

Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.

07.02.02 Inspect and test A/C-heater blower, motors, resistors, switches, relays, wiring, and protection devices; perform necessary action(P-1).

Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
Math.2.A1.2.9	Know common formulas (e.g., slope, distance between two points, quadratic formula, compound interest, distance = velocity • time), and apply appropriately in contextual situations.

07.02.03 Test and diagnose A/C compressor clutch control systems; determine necessary action(P-1).

Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.

07.02.04 Diagnose malfunctions in the vacuum, mechanical, and electrical components and controls of the heating, ventilation, and A/C (HVAC) system; determine necessary action(P-2).

Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.

07.02.05 Inspect and test A/C-heater control panel assembly; determine necessary action(P-3).

07.02.06 Inspect A/C-heater ducts, doors, hoses, cabin filters and outlets; perform necessary action(P-3).

07.03 Recover, Recycle, and Handle Refrigerant

07.03.01 Perform correct use and maintenance of refrigerant handling equipment(P-1).

07.03.02 Identify (by label application or use of a refrigerant identifier) and recover A/C system refrigerant(P-1).

07.03.03 Recycle refrigerant(P-1).

07.03.04 Label and store refrigerant(P-1).

07.03.05 Evacuate and charge A/C system(P-1).

ENGINE PERFORMANCE

08.01 Diagnose General Engine Performance Condition

08.01.01 Complete work order to include customer information, vehicle identifying information, customer concern, related service history, cause, and correction(A8;SCC;ICS;S&O)(P-1).

	ELA.1.CE 1.1.3	Select and use language that is appropriate (e.g., formal, informal, literary, or technical) for the purpose, audience, and context of the text, speech, or visual representation (e.g., letter to editor, proposal, poem, or digital story).
	ELA.1.CE 1.4.2	Develop a system for gathering, organizing, paraphrasing, and summarizing information; select, evaluate, synthesize, and use multiple primary and secondary (print and electronic) resources.
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.1.7	Demonstrate understanding of written, spoken, or visual information by restating, paraphrasing, summarizing, critiquing, or composing a personal response; distinguish between a summary and a critique.
	ELA.2.CE 2.2.2	Examine the ways in which prior knowledge and personal experience affect the understanding of written, spoken, or multimedia text.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
	Math.2.A1.2.1	Write equations and inequalities with one or two variables to represent mathematical or applied situations, and solve.
08.01.02	Identify and interpret engine performance concern; determine necessary action(A8U2L1)(P-1).	
	ELA.2.CE 2.1.3	Determine the meaning of unfamiliar words, specialized vocabulary, figurative language, idiomatic expressions, and technical meanings of terms through context clues, word roots and affixes, and the use of appropriate resource materials such as print and electronic dictionaries.
	ELA.2.CE 2.1.4	Identify and evaluate the primary focus, logical argument, structure, and style of a text or speech and the ways in which these elements support or confound meaning or purpose.
08.01.03	Research applicable vehicle and service information, such as engine management system operation, vehicle service history, service precautions, and technical service bulletins(A8U4L4)(P-1).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	ELA.2.CE 2.1.5	Analyze and evaluate the components of multiple organizational patterns (e.g., compare/contrast, cause/effect, problem/solution, fact/opinion, theory/evidence).
	ELA.2.CE 2.1.11	Demonstrate appropriate social skills of audience, group discussion, or work team behavior by listening attentively and with civility to the ideas of others, gaining the floor in respectful ways, posing appropriate questions, and tolerating ambiguity and lack of consensus.

	ELA.2.CE 2.1.12	Use a variety of strategies to enhance listening comprehension (e.g., monitor message for clarity and understanding, ask relevant questions, provide verbal and nonverbal feedback, notice cues such as change of pace or emphasis that indicate a new point is about to be made; and take notes to organize essential information).
08.01.04	Locate and interpret vehicle and major component identification numbers (VIN, vehicle certification labels, and calibration decals)(A8U4L4)(P-1).	
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	ELA.2.CE 2.3.4	Critically interpret primary and secondary research-related documents (e.g., historical and government documents, newspapers, critical and technical articles, and subject-specific books).
	ELA.2.CE 2.3.5	Engage in self-assessment as a reader, listener, and viewer, while monitoring comprehension and using a variety of strategies to overcome difficulties when constructing and conveying meaning.
08.01.05	Inspect engine assembly for fuel, oil, coolant, and other leaks; determine necessary action(A8U2L1)(P-2).	
08.01.06	Diagnose abnormal engine noise or vibration concerns; determine necessary action(A8U2L1)(P-2).	
08.01.07	Diagnose abnormal exhaust color, odor, and sound; determine necessary action(A8U2L1)(P-2).	
08.01.08	Perform engine absolute (vacuum/boost) manifold pressure tests; determine necessary action(A8U2L1)(P-1).	
08.01.09	Perform cylinder power balance test; determine necessary action(A8U2L1)(P-1).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
	Math.2.A1.2.9	Know common formulas (e.g., slope, distance between two points, quadratic formula, compound interest, distance = velocity • time), and apply appropriately in contextual situations.
08.01.10	Perform cylinder cranking compression tests; determine necessary action(A8U2L1)(P-1).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.

	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
	Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
	Math.2.A1.2.1	Write equations and inequalities with one or two variables to represent mathematical or applied situations, and solve.
	Math.2.A1.2.9	Know common formulas (e.g., slope, distance between two points, quadratic formula, compound interest, distance = velocity • time), and apply appropriately in contextual situations.
08.01.11	Perform engine running compression test; determine necessary action(A8U2L1)(P-2).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
	Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
	Math.2.A1.2.1	Write equations and inequalities with one or two variables to represent mathematical or applied situations, and solve.
	Math.2.A1.2.9	Know common formulas (e.g., slope, distance between two points, quadratic formula, compound interest, distance = velocity • time), and apply appropriately in contextual situations.
08.01.12	Perform cylinder leakage test; determine necessary action(A8U2L1)(P-1).	
	ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
08.01.13	Diagnose engine mechanical, electrical, electronic, fuel, and ignition concerns with an oscilloscope and/or engine diagnostic equipment; determine necessary action(A8U2L1)(P-1).	
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.

Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.

08.01.14 Prepare 4 or 5 gas analyzer; inspect and prepare vehicle for test, and obtain exhaust readings; interpret readings, and determine necessary action(A8U2L1)(P-1).

ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.

08.01.15 Verify engine operating temperature; determine necessary action(A8U2L2)(P-1).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

08.01.16 Perform cooling system pressure tests; check coolant condition; inspect and test radiator, pressure cap, coolant recovery tank, and hoses; perform necessary action(A8U2L2)(P-1).

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

08.01.17 Verify correct camshaft timing(A8U2L2)(P-2).

Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.

08.02 Diagnose and Repair Computerized Engine Controls

08.02.01 Retrieve and record stored OBD I diagnostic trouble codes; clear codes(A8U4L1,L3)(P-3).

ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.02.02	Retrieve and record stored OBD II diagnostic trouble codes; clear codes when applicable(A8U4L1,L3)(P-1).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.02.03	Diagnose the causes of emissions or driveability concerns resulting from malfunctions in the computerized engine control system with stored diagnostic trouble codes(A8U4L2,3,4)(P-1).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.02.04	Diagnose emissions or driveability concerns resulting from malfunctions in the computerized engine control system with no stored diagnostic trouble codes; determine necessary action(A8U4L2,3,4)(P-1).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.

	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.02.05	Check for module communication (including CAN/BUS systems) errors using a scan tool(A8U4L2,3,4)(P-2).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
08.02.06	Inspect and test computerized engine control system sensors, powertrain control module (PCM), actuators, and circuits using a graphing multimeter (GMM)/digital storage oscilloscope (DSO); perform necessary action(A8U4L4)(P-1).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.1	Use mathematical symbols (e.g., interval notation, set notation, summation notation) to represent quantitative relationships and situations.
	Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.

	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
08.02.07	Obtain and interpret scan tool data(A8U4L2,3,4)(P-1).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.02.08	Access and use service information to perform step-by-step diagnosis(A8U4L4)(P-1).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.02.09	Diagnose driveability and emissions problems resulting from malfunctions of interrelated systems (cruise control, security alarms, suspension controls, traction controls, A/C, automatic transmissions, non-OEM-installed accessories, or similar systems);	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.

	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.02.10	Perform active tests of actuators using scan tool; determine necessary action(A8U4L2,3,4)(P-1).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
08.03	**Diagnose and Repair Ignition System**	
08.03.01	Diagnose ignition system related problems such as no-starting, hard starting, engine misfire, poor driveability, spark knock, power loss, poor mileage, and emissions concerns on vehicles with electronic ignition (distributorless) systems; determine nece	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).

08.03.02	Diagnose ignition system related problems such as no-starting, hard starting, engine misfire, poor driveability, spark knock, power loss, poor mileage, and emissions concerns on vehicles with distributor ignition (DI) systems; determine necessary action	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
	Math.2.A1.2.9	Know common formulas (e.g., slope, distance between two points, quadratic formula, compound interest, distance = velocity • time), and apply appropriately in contextual situations.
	Math.4.S1.2.1	Calculate and interpret measures of center including: mean, median, and mode; explain uses, advantages and disadvantages of each measure given a particular set of data and its context.
08.03.03	Inspect and test ignition primary circuit wiring and solid state components; perform necessary action(A8U5L2)(P-2).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.

	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
08.03.04	Inspect, test and service distributor(A8U5L2)(P-3).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
08.03.05	Inspect and test ignition system secondary circuit wiring and components; perform necessary action(A8U5L2)(P-2).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L1.2.5	Read and interpret representations from various technological sources, such as contour or isobar diagrams.
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.

	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
08.03.06	Inspect and test ignition coil(s); perform necessary action(A8U5L2)(P-1).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L3.1.1	Convert units of measurement within and between systems; explain how arithmetic operations on measurements affect units, and carry units through calculations correctly.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
08.03.07	Check and adjust ignition system timing and timing advance/retard (where applicable)(A8U5L2)(P-3).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.03.08	Inspect and test ignition system pick-up sensor or triggering devices; perform necessary action(A8U5L2)(P-1)	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.

	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.04	**Diagnose and Repair Fuel, Air Induction, and Exhaust Systems**	
08.04.01	Diagnose hot or cold no-starting, hard starting, poor driveability, incorrect idle speed, poor idle, flooding, hesitation, surging, engine misfire, power loss, stalling, poor mileage, dieseling, and emissions problems on vehicles with injection-type fue	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
	Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
	Math.2.A1.2.1	Write equations and inequalities with one or two variables to represent mathematical or applied situations, and solve.
	Math.2.A1.2.9	Know common formulas (e.g., slope, distance between two points, quadratic formula, compound interest, distance = velocity • time), and apply appropriately in contextual situations.
	Math.4.S1.2.1	Calculate and interpret measures of center including: mean, median, and mode; explain uses, advantages and disadvantages of each measure given a particular set of data and its context.
08.04.02	Check fuel for contaminants and quality; determine necessary action(A8U1L2)(P-3).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.

ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.04.03	Inspect and test fuel pumps and pump control systems for pressure, regulation, and volume; perform necessary action(A8U1L2)(P-1).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.04.04	Replace fuel filters(A8U1L2)(P-1).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.04.05	Inspect and test cold enrichment system and components; perform necessary action(A8U1L2)(P-3).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.

	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.
	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
08.04.06	Inspect throttle body, air induction system, intake manifold and gaskets for vacuum leaks and/or unmetered air(A8U1L2)(P-1).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.04.07	Inspect and test fuel injectors(A8U1L2)(P-1).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
	Math.1.L1.2.2	Interpret representations that reflect absolute value relationships (e.g. | x - a | <= b, or a ± b) in such contexts as error tolerance.

	Math.1.L3.2.1	Determine what degree of accuracy is reasonable for measurements in a given situation; express accuracy through use of significant digits, error tolerance, or percent of error; describe how errors in measurements are magnified by computation; recognize accumulated error in applied situations.
	Math.1.L3.2.2	Describe and explain round-off error, rounding, and truncating.
08.04.08	Check idle speed(A8U1L2)(P-1)	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.04.09	Inspect the integrity of the exhaust manifold, exhaust pipes, muffler(s), catalytic converter(s), resonator(s), tail pipe(s), and heat shield(s); perform necessary action(A8U3L2)(P-1).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.04.10	Perform exhaust system back-pressure test; determine necessary action(A8U3L2)(P-1).	
	ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.

ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.04.11 Test the operation of turbocharger/supercharger systems; determine necessary action(A8U3L2)(P-3)	
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.05 Diagnose and Repair Emissions Control Systems	
08.05.01 Diagnose oil leaks, emissions, and driveability problems resulting from malfunctions in the positive crankcase ventilation (PCV) system; determine necessary action(A8U3L2)(P-2).	
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.05.02 Inspect, test and service positive crankcase ventilation (PCV) filter/breather cap, valve, tubes, orifices, and hoses; perform necessary action(A8U3L2)(P-2).	
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.

ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.05.03	Diagnose emissions and driveability problems caused by malfunctions in the exhaust gas recirculation (EGR) system; determine necessary action(A8U3L2)(P-1).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.05.04	Inspect, test, service and replace components of the EGR system, including EGR tubing, exhaust passages, vacuum/pressure controls, filters and hoses; perform necessary action(A8U3L2)(P-1).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.

ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.05.05	Inspect and test electrical/electronic sensors, controls, and wiring of exhaust gas recirculation (EGR) systems; perform necessary action(A8U3L2)(P-2).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.05.06	Diagnose emissions and driveability problems resulting from malfunctions in the secondary air injection and catalytic converter systems; determine necessary action(A8U3L2)(P-2).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.

ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.05.07	Inspect and test mechanical components of secondary air injection systems; perform necessary action(A8U3L2)(P-3).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.05.08	Inspect and test electrical/electronically-operated components and circuits of air injection systems; perform necessary action(A8U3L2)(P-3).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.05.09	Inspect and test catalytic converter performance(A8U3L2)(P-1).

ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
Math.2.A1.1.1	Give a verbal description of an expression that is presented in symbolic form, write an algebraic expression from a verbal description, and evaluate expressions given values of the variables.
08.05.10	Diagnose emissions and driveability problems resulting from malfunctions in the evaporative emissions control system; determine necessary action(A8U4L3)(P-1).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.05.11	Inspect and test components and hoses of evaporative emissions control system; perform necessary action(A8U4L3)(P-2).
ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.

ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).

08.05.12 Interpret evaporative emission related diagnostic trouble codes (DTCs); determine necessary action(A8U4L3)(P-1).

ELA.1.CE 1.4.4	Interpret, synthesize, and evaluate information/findings in various print sources and media (e.g., fact and opinion, comprehensiveness of the evidence, bias, varied perspectives, motives and credibility of the author, date of publication) to draw conclusions and implications.
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.1.2	Make supported inferences and draw conclusions based on informational print and multimedia features (e.g., prefaces, appendices, marginal notes, illustrations, bibliographies, author's pages, footnotes, diagrams, tables, charts, maps, timelines, graphs, and other visual and special effects) and explain how authors and speakers use them to infer the organization of text and enhance understanding, convey meaning, and inspire or mislead audiences.
ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).

08.06 Service Engine Related Systems

08.06.01 Adjust valves on engines with mechanical or hydraulic lifters(A8U2L2)(P-1).

ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).

08.06.02 Remove and replace timing belt; verify correct camshaft timing(A8U2L2)(P-1).

ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.06.03	Remove and replace thermostat and gasket(A8U2L2)(P-1).
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.06.04	Inspect and test mechanical/electrical fans, fan clutch, fan shroud/ducting, air dams, and fan control devices; perform necessary action(A8U2L2)(P-1).
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.06.05	Perform common fastener and thread repair to include, remove broken bolt, restore internal and external threads, and repair internal threads with thread insert(A8;SCC;S&O)(P-1).
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.06.06	Perform oil and filter changes(A8;SCC)(P-1).
ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.06.07	Demonstrate proficiency in using oxy-acetylene torch to heat and cut metal(A8;SCC;S&O)(P-3).

	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.3	Critically read and interpret instructions for a variety of tasks (e.g., completing assignments, using software, writing college and job applications).
08.06.08	Identify hybrid vehicle internal combustion engine service precautions(A8)(P-3).	
	ELA.2.CE 2.1.1	Use a variety of pre-reading and previewing strategies (e.g., acknowledge own prior knowledge, make connections, generate questions, make predictions, scan a text for a particular purpose or audience, analyze text structure and features) to make conscious choices about how to approach the reading based on purpose, genre, level of difficulty, text demands and features.
	ELA.2.CE 2.3.1	Read, listen to, and view diverse texts for multiple purposes such as learning complex procedures, making work-place decisions, or pursuing in-depth studies.